

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO			
<b>INFORMATION DISLOSURE STATEMENT BY APPLICANT</b>			
Sheet	1	of	6
			Attorney Docket Number
			20412-07972

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
JKB		US-2004/0090462 A1	05-13-2004	Graham
		US-2003/0184598 A1	10-02-2003	Graham
		US-2003/0163552 A1	08-28-2003	Savitzky et al.
		US-2002/0097426 A1	07-25-2002	Gusmano et al.
		US-6,369,811	04-09-2002	Graham et al.
		US-6,332,147	12-18-2001	Moran et al.
		US-6,262,724	07-17-2001	Crow et al.
		US-6,182,090	01-30-2001	Pearis
		US-6,101,503	08-08-2000	Cooper et al.
		US-Re. 36,801	08-01-2000	Logan et al.
		US-6,094,648	07-25-2000	Aalbersberg et al.
		US-6,055,542	04-25-2000	Nielsen et al.
		US-6,028,601	02-22-2000	Machiraju et al.
		US-6,026,409	02-15-2000	Blumenthal
		US-6,021,403	02-01-2000	Horvitz et al.
		US-6,006,218	12-21-1999	Breese et al.
		US-5,999,173	12-07-1999	Ubillos
		US-5,990,934	11-23-1999	Nalwa
		US-5,987,454	11-16-1999	Hobbs
		US-5,986,692	11-16-1999	Logan et al.
		US-5,986,655	11-16-1999	Chiu et al.
		US-5,982,507	11-09-1999	Weiser et al.
		US-5,978,477	11-02-1999	Hull et al.
		US-5,950,187	09-07-1999	Tsuda
		US-5,946,678	08-31-1999	Aalbersberg

Examiner Signature	<i>Michael K. Botts</i>	Date Considered	4/9/06
--------------------	-------------------------	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

2

of

6

<i>Complete if Known</i>	
Application No.	10/665,097
Filing Date	September 16, 2003
First Named Inventor	John Barrus
Art Unit	2173
Examiner Name	Not yet known
Attorney Docket Number	20412-07972

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
<i>MKB</i>		US-5,943,679	08-24-1999	Niles et al.
		US-5,933,841	08-03-1999	Schumacher et al.
		US-5,892,536	04-06-1999	Logan et al.
		US-5,873,107	02-16-1999	Borovoy et al.
		US-5,870,770	02-09-1999	Wolfe
		US-5,860,074	01-12-1999	Rowe et al.
		US-5,857,185	01-05-1999	Yamamura
		US-5,838,317	11-17-1998	Bolnick et al.
		US-5,832,474	11-03-1998	Lopresti et al.
		US-5,819,301	10-06-1998	Rowe et al.
		US-5,802,294	09-01-1998	Ludwig et al.
		US-5,793,365	08-11-1998	Tang et al.
		US-5,784,616	07-21-1998	Horvitz
		US-5,781,785	07-14-1998	Rowe et al.
		US-5,778,397	07-07-1998	Kupiec et al.
		US-5,761,655	06-02-1998	Hoffman
		US-5,760,767	06-02-1998	Shore et al.
		US-5,754,308	05-18-1998	Lopresti, et al.
		US-5,751,283	05-12-1998	Smith
		US-5,748,805	05-05-1998	Withgott et al.
		US-5,737,599	04-07-1998	Rowe et al.
		US-5,721,897	02-24-1998	Rubinstein et al.
		US-5,717,879	02-10-1998	Moran et al.
		US-5,694,559	12-02-1997	Hobson et al.
		US-5,686,957	11-11-1997	Baker

Examiner Signature	<i>Michael K. Bok</i>	Date Considered.	<i>4/9/06</i>
--------------------	-----------------------	------------------	---------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet

3

of

6

		<i>Complete if Known</i>	
Application No.		10/665,097	
Filing Date		September 16, 2003	
First Named Inventor		John Barrus	
Art Unit		2173	
Examiner Name		Not yet known	
Attorney Docket Number		20412-07972	

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
<i>JKB</i>		US-5,680,636	10-21-1997	Levine et al.
		US-5,638,543	06-10-1997	Pedersen et al.
		US-5,596,700	01-21-1997	Dameli et al.
		US-5,481,666	01-02-1996	Nguyen et al.
		US-5,479,600	12-26-1995	Wroblewski et al.
		US-5,422,795	08-15-1995	Levine et al.
		US-5,418,948	05-23-1995	Turtle
		US-5,404,295	04-04-1995	Katz et al.
		US-5,384,703	01-24-1995	Withgott et al.
		US-5,349,658	09-20-1994	O'Rourke et al.
		US-5,309,359	05-03-1994	Katz et al.
		US-5,153,831	10-06-1992	Yianitos
		US-4,823,303	04-18-1989	Terasawa
		US-4,417,239	11-22-1983	Demke et al.

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
<i>JKB</i>		JP 8-297677 A	11-12-1996	Xerox Corporation	
		GB 2 290 898 A	01-10-1996	Canon Business Machines, Inc.	
		GB 2 234 609 A	02-06-1991	IBM Corporation	
		GB 2 156 118 A	10-02-1985	Canon Kabushiki Kaisha	
		GB 2 137 788 A	10-10-1984	Gavilan Computer Corporation	
		EP 1 001 605 A3	05-17-2000	Xerox Corporation	

Examiner Signature	<i>Michael K. Botts</i>	Date Considered	4/9/06
--------------------	-------------------------	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet

4

of

6

		<i>Complete if Known</i>	
Application No.	10/665,097		
Filing Date	September 16, 2003		
First Named Inventor	John Barrus		
Art Unit	2173		
Examiner Name	Not yet known		
Attorney Docket Number	20412-07972		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
YKB		EP 802 492 A1	10-22-1997	IBM Corporation	
		EP 762 297 A2	03-12-1997	Sun Microsystems	
		EP 737 927 A2	10-16-1996	Xerox Corporation	
		EP 459 174 A2	12-04-1991	Cina	
		EP 378 848 A2	07-05-1990	IBM Corporation	

**OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
YKB		ABDEL-MOTTALEB, M. et al., "Face Detection in Complex Environments From Color Images," IEEE ICIP 622-626, 1999.	
		ARONS, B. "SpeechSkimmer: A System for Interactively Skimming Recorded Speech," ACM Transactions on Computer-Human Interaction 4(1):3-38.	
		BEGOLE et al., "Supporting Worker Independence in Collaboration Transparency," ACM 0-58113-034-1/98/11, Virginia Polytechnic Institute and State University, pp. 133-142, 1998.	
		BOGURAEV et al., "Salience-based Content Characterization of Text Documents," in Proceedings of Workshop on Intelligent Scalable Text Summarization at the ACL/EACL Conference, Madrid, Spain, 12 pages, July 7-12, 1997.	
		DIVAKARAN, A. et al., "Video Browsing System Based on Compressed Domain Feature Extraction," IEEE Transactions on Consumer Electronics 46:637-644.	
		DOERMANN et al., "Applying Algebraic and Differential Invariants for Logo Recognition," Machine Vision and Applications 9:73-86, 1996.	
		DORAI, C. et al., "Perceived Visual Motion Descriptors from MPEG-2 for content-based HDTV annotation and retrieval," IEEE 3 <sup>rd</sup> Workshop on Multimedia Signal Processing, 147-152.	
		EROL, B. et al., "Local Motion Descriptors," IEEE Workshop on Multimedia Signal Processing, 467-472, 2001.	
		FOOTE, J. et al., "Finding Presentations in Recorded Meeting Using Audio and Video Features." ICASPP, 3029-3032, 1999.	

Examiner Signature	<i>Michael K. Botts</i>	Date Considered	4/9/06
--------------------	-------------------------	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

5

of

6

<i>Complete if Known</i>	
Application No.	10/665,097
Filing Date	September 16, 2003
First Named Inventor	John Barrus
Art Unit	2173
Examiner Name	Not yet known
Attorney Docket Number	20412-07972

## OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
YKB		FOOTE, J. et al., "FlyCam: Practical Panoramic Video and Automatic Camera Control," Proceedings of International Conference on Multimedia & Expo, 3:1419-1422, 2000.	
		GLANCE, NATALIE et al., "Knowledge Pump: Community-Centered Collaborative Filtering," Xerox Research Centre Europe, Grenoble Laboratory, October 27, 1997, pp. 1-5.	
		GRASSO, ANTONIETTA et al., "Supporting Informal Communication Across Local and Distributed Communities," Xerox Research Centre Europe, Grenoble, France, 8 pages.	
		GREENBERG, S., "A Fisheye Text Editor for Relaxed-WYSIWIS Groupware," ACM SIGCHI'96 Conference on Human Factors in Computing System, Companion Proceedings, 1996, 5 pages.	
		GROSS, R. et al., "Face Recognition in a Meeting Room," IEEE International Conference on Automatic Face and Gesture Recognition, 294-299.	
		GROSS, R. et al., "Towards a Multimodal Meeting Record," Proceedings of International Conference on Multimedia and Expo, 1593-1596.	
		HSU, R.L., et al., "Face Detection in Color Images," Proc. International Conference on Image Processing, 1046-1049, 2001.	
		JOHNSON, S.E., "Who Spoke When? – Automatic Segmentation and Clustering for Determining Speaker Turns," Proc. Of Eurospeech, 679-682, 1999.	
		KAPRALOS, B. et al., "Eyes 'n Ears Face Detection," 2001 International Conference on Image Processing, 1:65-69, 2001.	
		KIMBER, D. et al., "Acoustic Segmentation for Audio Browsers," Proc. Interface Conference, Sydney, Australia, 10 pages, 1996.	
		LEE, D. et al., "Segmenting People in Meeting Videos Using Mixture Background and Object Models," Proc. Of Pacific Rim Conference on Multimedia, Taiwan, Dec. 16-18, 8 pages, 2002.	
		LI et al., "Text Extraction, Enhancement and OCR in Digital Video," DAS '98, LNCS 1655, pp. 363-377, Springer-Verlag Berlin Heidelberg 1999.	
		PFAU, T. et al., "Multispeaker Speech Activity Detection for the ICSI Meeting Recorder," Proc. IEEE Automatic Speech Recognition and Understanding Workshop, 4 Pages, 2001.	
		PINGALI, G. et al., "Multimedia Retrieval Through Spatio-Temporal Activity Maps," ACM Multimedia 129-136, 2001.	
		RUI, Y. et al., "Viewing Meetings Captured by an Omni-Directional Camera," ACM SIGCHI '01, Vol. 3, No. 1, Pages 450-457, Seattle, March 31-April 4, 2001.	

Examiner Signature	<i>Michael K. Batts</i>	Date Considered	<i>4/9/05</i>
--------------------	-------------------------	-----------------	---------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet

6 of 6

<i>Complete if Known</i>	
Application No.	10/665,097
Filing Date	September 16, 2003
First Named Inventor	John Barrus
Art Unit	2173
Examiner Name	Not yet known
Attorney Docket Number	20412-07972

**OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
YKB		SNOWDON, DAVE et al., "Diffusing Information in Organizational Settings: Learning from Experience," CHI 2002, Volume No. 4, Issue No. 1, April 20-25, Minneapolis, Minnesota, pp. 331-338.	
		STAUFFER, C. et al., "Adaptive Background Mixture Models for Real-Time Tracking," Proceedings of Computer Vision and Pattern Recognition, 246-252.	
		SUN, X. et al., "A Motion Activity Descriptor and its Extraction in Compressed Domain," Proc. IEEE Pacific-Rim Conference on Multimedia (PCM '01), 4 Pages, 2001.	
		SUN, X. et al., "Panoramic Video Capturing and Compressed Domain Virtual Camera Control," ACM Multimedia, Pages 329-338, 2001.	
		TAGHVA et al., "Evaluation of an Automatic Markup System," Proceedings SPIE Vol. 2422, Document Recognition II, p. 317-327, March 1995.	
		TRITSCHLER, A. et al., "Improved Speaker Segmentation and Segments Clustering Using the Bayesian Information Criterion," Proc. Of Eurospeech, Pages 679-682, 1999.	
		WAIBEL, A. et al., "Advances in Automatic Meeting Record Creation and Access," Proceedings of the International Conference on Acoustics, Speech, and Signal Processing, Pages 597-600, 2001.	
		Xerox, "Flowport, Effective Document Management," brochure, 2 pages.	
		Xerox, "Flowport, Paper that knows where it's going," Xerox Corporation, specification sheet, 1 page.	
		Xerox, "FlowPort Software, Solutions for the Legal Market from Xerox," 2001 Xerox Corporation, 2 pages.	
		Xerox, "FlowPort <sup>TM</sup> Xerox Image Routing Software FlowPort Overview," Xerox Corporation, 2003, 4 pages.	
		YANG, J. et al., "Multimodal People ID for a Multimedia Meeting Browser," Proceedings of ACM Multimedia, Pages 159-168, 1999.	
		YANG, M.H. et al., "Detecting Faces in Image: A Survey," IEEE Transactions on Pattern Analysis and Machine Intelligence, 24(1):34-58, 2002.	
		ZDnet, "Captured! Three document capture systems tested," ZDnet, Technology & Business, November 28, 2002, [visited on April 29, 2003], < <a href="http://www.zdnet.com.au/printfriendly?AT=2000023555-20270277-4">http://www.zdnet.com.au/printfriendly?AT=2000023555-20270277-4</a> >, 8 pages.	

Examiner Signature	<i>Richard K. Botts</i>	Date Considered	4/9/03
--------------------	-------------------------	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP §801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

1

of

8

		Complete if Known	
Application No.		10/665,097	
Filing Date		September 16, 2003	
First Named Inventor		John Barrus	
Art Unit		2173	
Examiner Name		not yet known	
Attorney Docket Number		20412-07972	

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>

### OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
YKB	C1	Acrobat Reader Version 2.0 (software application), Adobe Systems Incorporated, screenshots Figures 1-10 (1994).	
	C2	Adobe Acrobat Reader 3.0 screen dumps (fig. 1-3), 1996.	
	C3	Adobe Premiere (video editing software) from <a href="http://www.adobe.com">http://www.adobe.com</a> (2002)	
	C4	Adobe Systems, Inc., "Adobe Photoshop 4.0 User Guide for Macintosh and Windows," 1996, Title Page, Copyright Page, Chap. 2, pp. 30-31.	
	C5	Apple Macintosh system 7 reference manual, pages 30-31 (1991)	
	C6	BALL, THOMAS et al., "Software Visualization in the Large," IEEE Computer, Vol. 29, No. 4, April 1996, pp. 33-43, <a href="http://www.computer.org/computer/co1996/r4033abs.htm">http://www.computer.org/computer/co1996/r4033abs.htm</a> .	
	C7	BEGOLE et al., "Flexible Collaboration Transparency," doc. ID: ncstri.vatach_cs/TR-98-11, Virginia Polytechnic Institute and State University, 1998.	

Examiner Signature	<i>Michael R. Biffle</i>	Date Considered	4/8/06
--------------------	--------------------------	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet

2

of

8

<i>Complete if Known</i>	
Application No.	10/665,097
Filing Date	September 16, 2003
First Named Inventor	John Barrus
Art Unit	2173
Examiner Name	not yet known
Attorney Docket Number	20412-07972

<b>OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS</b>		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
<i>JKTS</i>	C8	BEGOLE et al. "Flexible Collaboration Transparency: Supporting Worker Independence In Replicated Application-Sharing Systems," ACM Transactions On Computer-Human Interaction, June 1999, pp. 95-132, Vol. 6, No. 2.
	C9	BEGOLE et al., "Supporting Worker Independence In Collaboration Transparency," technical report from the Computer Science Department of Virginia Tech, doc. ID: ncstrl.vatech_cs/TR-98-12.
	C10	BOBICK et al., "A State Based Approach to the Representation and Recognition of Gesture," IEEE Trans. On Pattern Analysis and Machine Intelligence, pp. 1325-1337, 1997.
	C11	BOGURAEV et al., "Salience-Based Content Characterization Of Text Documents," ACL/EACL'97 Intelligent Scalable Text Summarization Workshop Program, July 11, 1997, 14 pages.
	C12	BORECZKY, J. et al., "An Interactive Comic Book Presentation for Exploring Video," Conference on Human Factors in Computing Systems (CHI 2000), ACM Press, pp. 185-192, 2000.
	C13	BOYKIN et al., "Improving Broadcast News Segmentation Processing," IEEE Multimedia '99, 1999.
	C14	BOYKIN et al., "Machine Learning of Event Segmentation for News on Demand," Communications of the ACM, 43:35-41, 2000.
	C15	BRANDOW et al., "Automatic Condensation of Electronic Publications by Sentence Selection," Information Processing and Management, 31(5):875-885, 1995.
	C16	BROWN et al., "Automatic Content-Based Retrieval of Broadcast News," ACM Multimedia 5, San Francisco, CA, 1995.
	C17	BYRD, D., "A Scrollbar-based visualization for Document Navigation," doc. ID:xxx.cs.IR/9902028, Computing Research Repository: Information Retrieval, 1999.
	C18	"c:\...\9149920c.wpd – unmodified" Screen Shots of document created in Corel WordPerfect, 4 pages (April 30, 2002)
	C19	CHEN et al., "Emotion Recognition from Audiovisual Information," Proc. IEEE Workshop on Multimedia Signal Processing, Los Angeles, CA, USA, pp. 83-88, 1998.
	C20	CHEN et al., "ViBE: A Video Indexing and Browsing Environment," Proceedings of the SPIE Conference on Multimedia Storage and Archiving Systems, September 20-22, 1999, Boston 3846:148-164, 1999.

Examiner Signature	<i>Michael K. Botts</i>	Date Considered	<i>4/9/04</i>
--------------------	-------------------------	-----------------	---------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application No.	10/665,097
				Filing Date	September 16, 2003
				First Named Inventor	John Barrus
				Art Unit	2173
				Examiner Name	not yet known
Sheet	3	of	8	Attorney Docket Number	20412-07972

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
<i>JKB</i>	C21	CHIU et al., "NoteLook: Taking Notes in Meetings with Digital Video and Ink," ACM Multimedia 99 Orlando, 1999.	
	C22	CHIU et al., "Automatically Linking Multimedia Meeting Documents by Image Matching," Proceedings of Hypertext '00, ACM, New York, pp. 244-245, 2000.	
	C23	CHRISTEL et al., "Evolving Video Skims into Useful Multimedia Abstractions," Proceedings of the CHI '98 Conference on Human Factors in Computing Systems, pp. 171-178 Los Angeles, CA, April 1998.	
	C24	CHRISTEL et al., "Information Visualization Within a Digital Video Library," Journal of Intelligent Information Systems, 11:25-257, 1998.	
	C25	DELLAERT et al., "Recognizing Emotion in Speech," Proceedings ICSLP 96, Fourth International Conference on Spoken Language Processing New York, IEEE Vol. 1970-1973, Cat. No. 96TH8206), 1996.	
	C26	DIMITROVA et al., "Video Keyframe Extraction and Filtering: A Keyframe is not a Keyframe to Everyone," CIKM 1997:113-120, 1997.	
	C27	DONATO et al., "Classifying Facial Actions," IEEE Trans. on Pattern Analysis and Machine Intelligence, 21:974-989, 1999.	
	C28	DRUCKER et al., "SmartSkip: Consumer Level Browsing and Skipping of Digital Video Content," Paper: Technology to Help People Find Information, Vol. No. 4, Issue No. 1, pp. 219-226, Minneapolis, Minnesota, USA, April 20-25, 2002.	
	C29	ESSA et al., "Coding Analysis Interpretation and Recognition of Facial Expressions," IEEE Trans. on Pattern Analysis and Machine Intelligence, 19:757-763, 1997.	
	C30	"Facelt Face Recognition Technology Frequently Asked Technical Questions," Visionics Corporation, 36 pages.	
	C31	"Flexible JAMM Screenshots," downloaded from internet site <a href="http://simon.cs.ct.edu/~jamm">http://simon.cs.ct.edu/~jamm</a> 5/4/00.	
	C32	FOOTE, J. et al., "An Intelligent Media Browser Using Automatic Multimodal Analysis," ACM Multimedia '98, ACM Press, Pages 375-380, Bristol, UK, 1998.	
	C33	FURUI et al., "Japanese Broadcast News Transaction and Information Extraction," Communications of the ACM, 43(2):71-73, Feb. 2000.	

Examiner Signature	<i>Michael K. Botts</i>	Date Considered	4/9/00
--------------------	-------------------------	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

		<i>Complete if Known</i>	
Application No.		10/665,097	
Filing Date		September 16, 2003	
First Named Inventor		John Barrus	
Art Unit		2173	
Examiner Name		not yet known	
Sheet	4	of	8
		Attorney Docket Number	20412-07972

**OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
JKB	C34	GAUVAIN et al., "Transcribing Broadcast News for Audio and Video Indexing," Communications of the ACM, 43:64-70, 2000.	
	C35	GIBBON, David C., "Generating Hypermedia Documents from Transcriptions of Television Programs Using Parallel Text Alignment," Handbook of Internet and Multimedia Systems and Applications, CRC Press, 1998.	
	C36	GLIEDMAN, J., "Virtual Office Managers," Computer Shopper, 18(9):290, 1998.	
	C37	GORDON, "Using Annotated Video as in Information Retrieval Interface," ACM Proceedings of the 5 <sup>th</sup> International Conference on Intelligent User Interfaces, New Orleans, pp. 133-140, 2000.	
	C38	GREENBERG, Saul, "A Fisheye Text Editor For Relaxed-WYSIWIS Groupware," ACM SIGCHI'96 Conference on Human Factors in Computing System, Companion Proceedings, 1996, pp. 212-213.	
	C39	GREENBERG, et al., "Sharing Fisheye Views in Relaxed-WYSIWIS Groupware Applications," Proceedings of Graphics Interface, Toronto, Canada, May 22-24, 1995, Distributed by Morgan-Kaufmann, pp. 28-38, <a href="http://www.cpsu.ucalgary.ca/grouplab/papers/1996/96-Fisheye.GI/gi96fisheye.html">http://www.cpsu.ucalgary.ca/grouplab/papers/1996/96-Fisheye.GI/gi96fisheye.html</a> .	
	C40	HAUPTMANN et al., "Story Segmentation and Detection of Commercials in Broadcast News Video," Advances in Digital Libraries Conference, Santa Barbara, CA April 22-23, 1998.	
	C41	HAUPTMANN et al., "Text, Speech and Vision for Video Segmentation: the Informedia Project," Proc. AAAI Fall Symp. Computational Models for Integrating Language and Vision, Boston, MA, Nov. 10-12, 1995.	
	C42	HE et al., "Comparing Presentation Summaries: Slides vs. Reading vs. Listening," Conference on Human Factors in Computing Systems (CHI 2000), April 1-6, 2000.	
	C43	HEARST et al., "TitleBars: Visualization of Term Distribution Information in Full Text Information Access," Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI), Denver, CO., pp/ 1-8, May 1995, <a href="http://www.acm.org/sigchi/chi95/Electronic/documents/papers/mah_bdy.htm">http://www.acm.org/sigchi/chi95/Electronic/documents/papers/mah_bdy.htm</a> .	
	C44	HECHT, "Embedded Data Glyph Technology for Hardcopy Digital Documents," Proc. SPIE 2171:341-352, 1994.	
	C45	HECHT, "Printed Embedded Data Graphical User Interfaces," IEEE Computer, March 2001.	

Examiner Signature		Date Considered	4/9/06
--------------------	---	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application No.	10/665,097
				Filing Date	September 16, 2003
				First Named Inventor	John Barrus
				Art Unit	2173
				Examiner Name	not yet known
Sheet	5	of	8	Attorney Docket Number	20412-07972

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
YKB	46	HILL et al., "Edit Wear and Read Wear," Computer Graphics and Interactive Media Research Group, pp. 3-9, May 1992.	
	C47	HU et al., "Multimedia Description Framework (MDF) for Content Descriptions of Audio/Video Documents," Fourth ACM Conference on Digital Libraries (DL '99), August 11-14, 1999.	
	C48	IBM Technical Disclosure Bulletin, "Quick Selection of Window Environment Coordinates," 35:57-60, ISS # 4B, 1992.	
	C49	IOFFE et al., "Finding People by Sampling," Proc. International Conference on Computer Vision, pp. 1092-1097, 1999.	
	C50	JANG et al., "Improving Acoustic Models With Captioned Multimedia Speech," IEEE, 1999, pp. 767-771.	
	C51	JIN et al., "Topic Tracking for Radio, TV Broadcast, and Newswire," Proceedings of the DARPA Broadcast News Workshop, Feb. 28-Mar. 3, 1999, Herndon, VA.	
	C52	KOMLODI et al., "Key Frame Preview Techniques for Video Browsing," Proceedings of the 3 <sup>rd</sup> ACM International Conference on Digital Libraries, June 23-26, 1998, Pittsburgh, pp. 118-125, 1998.	
	C53	LAM et al., "Automatic Document Classification Based on Probabilistic Reasoning: Model and Performance Analysis," IEEE, 3:2719-2723, 1997.	
	C54	LANGLEY, P., "An Analysis of Bayesian Classifiers," Proceedings of 10 <sup>th</sup> National Conference on Artificial Intelligence, pp. 223-228, 1992.	
	C55	LANGLEY, P., "Induction of Selective Bayesian Classifiers," Proceedings of 10 <sup>th</sup> National Conference on Uncertainty in Artificial Intelligence, pp. 400-406, 1994.	
	C56	LI et al., "Automatic Text Detection and Tracking in Digital Video," IEEE Transactions on Image Processing – Special Issue on Image and Video Processing for Digital Libraries, 9:147-156, 2000.	
	C57	LI et al., "Text Extraction and Recognition in Digital Video," Proceedings of Third IAPR Workshop on Document Analysis Systems, pp. 119-128, 1998.	
	C58	LI et al., "VISION: A Digital Video Library," Proceedings of the 1 <sup>st</sup> ACM International Conference on Digital Libraries, pp. 19-27, 1996.	
	C59	LIANG et al., "Practical Video Indexing and Retrieval System," SPIE 3240:294-303, 1988.	

Examiner Signature	<i>Michael K. Botts</i>	Date Considered	4/9/06
--------------------	-------------------------	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04 <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet

6

of

8

Complete if Known	
Application No.	10/665,097
Filing Date	September 16, 2003
First Named Inventor	John Barrus
Art Unit	2173
Examiner Name	not yet known
Attorney Docket Number	20412-07972

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
<i>JKB</i>	C60	LIENHART et al., "On the Detection and Recognition of Television Commercials," Proc. IEEE Conf. On Multimedia Computing and Systems, Ottawa, Canada, pp. 509-516, June 1997.
	C61	MA et al., "An Indexing and Browsing System for Home Video," Invited paper, EUSIPCO '2000, 10 <sup>th</sup> European Signal Processing Conference, 5-8, Sept. 2000, Tampere, Finland.
	C62	MANBER, U., "The Use of Customized Emphasis in Text Visualization," Proceedings of 1997 IEEE Conf. On Information Visualization, pp. 132-138, Aug. 27-29, 1997, London, England.
	C63	MAYBURY, "News on Demand," Communications of the ACM, 43:33-34, 2000.
	C64	MAYBURY et al., "Multimedia Summaries of Broadcast News," International Conference on Intelligent Information Systems, 1997, pp. 442-449.
	C65	MAYBURY, M. et al., "Segmentation, Content Extraction and Visualization of Broadcast News Video Using Multistream Analysis," AAAI Paper, 1997.
	C66	MERIALDO et al.; "Automatic Construction of Personalized TV News Programs," Seventh ACM International Multimedia Conference, Orlando, November 1999.
	C67	MERLINO et al., "Broadcast News Navigation Using Story Segmentation," Advanced Information Systems Center, The MITRE Corporation, 1997.
	C68	MERLINO et al., "Broadcast News Processing Techniques," MITRE Technical Report, MTR 99B0000031, April, 1999.
	C69	MOHAN, "Text-Based Search of TV News Stories," Proc. SPIE 2916:2-13, 1996.
	C70	MYERS, B.A. et al., "Multi-View Intelligent Editor for Digital Video Libraries," First ACM and IEEE Joint Conference on Digital Libraries, pp. 106-115, June 24-28, 2001, Roanoke, VA.
	C71	OH et al., "Efficient and Cost-Effective Techniques for Browsing and Indexing Large Video Databases," SIGMOD Conference 2000: 415-426.
	C72	RIST, T. et al., "Adding Animated Presentation Agents to the Interface," ACM International Conference on Intelligent User Interfaces, Pages 79-86, 1997.
	C73	ROWLEY et al., "Neural Network-Based Face Detection," IEEE Transactions on Pattern Analysis and Machine Intelligence, 20:23-38, 1998.
	C74	SCHWEIGHOFER et al., "The Automatic Generation of Hypertext Links in Legal Documents," Lecture Notes in Computer Science, vol. 1134, Wagner et al., eds., from 7 <sup>th</sup> Int. Conf., DEXA '96, September, 1996, Zurich, Switzerland.

Examiner Signature	<i>Aichael K. Barrus</i>	Date Considered	9/8/06
--------------------	--------------------------	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet

7

of

8

		<i>Complete if Known</i>
Application No.	10/665,097	
Filing Date	September 16, 2003	
First Named Inventor	John Battus	
Art Unit	2173	
Examiner Name	not yet known	
Attorney Docket Number	20412-07972	

**OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
JKB	C75	SHahraray et al., "Automatic Generation of Pictorial Transcripts of Video Programs," Proceedings of the SPIE - Int. Soc. Opt. Eng. 2417:512-518, 1995.	
	C76	SHahraray et al., "Pictorial Transcripts: Multimedia Processing Applied to Digital Library Creation," 1997 IEEE First Workshop on Multimedia Signal Processing, pp. 581-586, 1997.	
	C77	SHahraray et al., "Automated Authoring of Hypermedia Documents of Video Programs," ACM Multimedia 95, San Francisco, CA, November 5-9, 1995.	
	C78	SMITH et al., "Video Skimming and Characterization Through the Combination of Image and Language Understanding," Computer Vision and Pattern Recognition IEEE 1997.	
	C79	SODERGARD et al., "Integrated Multimedia Publishing – Combining TV and Newspaper Content on Personal Channels," downloaded from <a href="http://www8.org/w8-papers/1b-multimedia/integrated/integrated.html">http://www8.org/w8-papers/1b-multimedia/integrated/integrated.html</a> on 4/4/02, Pages 1-22.	
	C80	SONMEZ et al., "Multiple Speaker Tracking and Detection: Handset Normalization and Duration Scoring," Digital Signal Processing 10:133-143, 2000.	
	C81	SUDA et al., "Logo and Word Matching Using a General Approach to Signal Registration," Fourth International Conference on Document Analysis and Recognition, Ulm, Germany, August 18-20, 1997, 61-65.	
	C82	SUMITA et al., "Document Structure Extraction for Interactive Document Retrieval Systems," Proceedings of SIGDOC 93, pp. 301-310, Oct. 5-8, 1993, Kitchner, Ontario.	
	C83	TAGHVA et al., "An Evaluation Of An Automatic Markup System," SPIE Proceedings, February 6-7 1995, pp. 317-327, Volume 2422.	
	C84	TAXT, T., "Segmentation of Document Images," IEEE, 11(12):1322-1329 (1989).	
	C85	TENNENHOUSE et al., "A Software-Oriented Approach to the Design of Media Processing Environments," Proceedings of the IEEE International Conference on Multimedia Computing and Systems, pp. 435-444, 1994.	
	C86	TONOMURA et al., "VideoMAP and VideoSpaceIcon: Tools for Anatomizing Video Content," Proc. INTERCHI '93, ACM, pp. 131-136, 1993.	
	C87	UCHIHASHI et al., "Summarizing Video Using a Shot Importance Measure and a Frame-Packung Algorithm," Proceedings of the International Conference on Acoustics, Speech, and Signal Processing, Phoenix, AZ, 6:3041-3044, 1999.	

Examiner Signature		Date Considered	4/9/06
--------------------	---	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application No.	10/665,097
				Filing Date	September 16, 2003
				First Named Inventor	John Barrus
				Art Unit	2173
				Examiner Name	not yet known
Sheet	8	of	8	Attorney Docket Number	20412-07972

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
JKB	C88	UCHIHASHI et al., "Video Manga: Generating Semantically Meaningful Video Summaries," ACM Multimedia 99, Orlando, Florida, October 30-November 5, 1989.	
	C89	VideoLogger, Automate Video Acquisition And Production, Virage, Inc., [online] [Retrieved on April 26, 2002] Retrieved from the Internet<URL: <a href="http://www.virage.com/products/details.cfm?productID=5&amp;categoryID=1">http://www.virage.com/products/details.cfm?productID=5&amp;categoryID=1</a> >	
	C90	"Video Mail Retrieval Using Voice" Cambridge University Engineering Department Computer Laboratory and Olivetti Research Laboratory summary of research found at <a href="http://svr-www.eng.cam.ac.uk/research/projects/vmr/">http://svr-www.eng.cam.ac.uk/research/projects/vmr/</a> (1997)	
	C91	WACTLAR et al., "Complementary Video and Audio Analysis for Broadcast News Archives," Communications of the ACM, 43:42-47, 2000.	
	C92	WACTLAR et al., "Intelligent Access to Digital Video: Informed Project," Computer 29:46-52, 1996.	
	C93	WEISS et al., "Composition and Search with a Video Algebra," IEEE Multimedia 2:12-25, 1995.	
	C94	WILCOX, L. et al., "Annotation and Segmentation for Multimedia Indexing and Retrieval," Proceedings of the Thirty-First annual Hawaii International Conference on System Sciences (Wailea, Hawaii), Volume II, Pages 259-267, January 1998.	
	C95	WITTENBURG et al., Browsing with Dynamic Key Frame Collages in Web-Based Entertainment Video Services," In Proceedings of IEEE International Conference on Multimedia Computing and Systems, June 7-11, 1999, Florence, Italy, 2:913-918, 1999.	
	C96	ZHANG et al., "Detection of Text Captions in Compressed Domain Video," International Multimedia Conference Proceedings of the 2000 ACM Workshops on Multimedia 2000, Los Angeles, CA, pp. 201-204.	

Examiner Signature	<i>Richard K. Jaffee</i>	Date Considered	4/8/06
--------------------	--------------------------	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application No.	10/665,097
				Filing Date	September 16, 2003
				First Named Inventor	John Bartus
				Art Unit	2173
				Examiner Name	Not yet known
Sheet	1	of	1	Attorney Docket Number	20412-07972

*MAR 03 2005*  
*SEARCHED*  
*INDEXED*  
*MAILED*  
*TRADEMARK OFFICE 901*

U.S. PATENT DOCUMENTS					
		Document No.		Name of Patentee or Applicant of Cited Document	
YKB	Cite No. <sup>1</sup>	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Pflug	
YKB	A1	US-2003/0088582 A1	05-08-2003		
YKB	A2	US-5,764,368	06-09-1998	Shibaki et al.	
YKB	A3	US-5,438,426	08-01-1995	Miake et al.	
		US-			

FOREIGN PATENT DOCUMENTS					
		Foreign Patent Document		Name of Patentee or Applicant of Cited Document	
YKB	Cite No. <sup>1</sup>	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Caere Corporation	T <sup>6</sup>
	B1	WO 99/18523	04-16-1999		

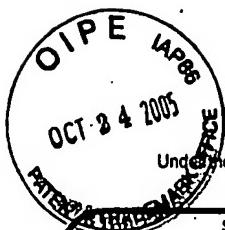
OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS					
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>6</sup>

Examiner Signature	<i>Michael K. Bartus</i>	Date Considered	4/9/06
--------------------	--------------------------	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Sheet

1

of

1

		Complete if Known	
Application No.		10/665,097	
Filing Date		September 16, 2003	
First Named Inventor		John Barrus	
Art Unit		2173	
Examiner Name		Not Yet Known	
Attorney Docket Number		20412-07972	

## U.S. PATENT DOCUMENTS

		Document No.			
Examiner Initials*	Cite No. <sup>1</sup>	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
YRB	A1	US-2003/0088582 A1	05-08-2003	Pflug	

## FOREIGN PATENT DOCUMENTS

		Foreign Patent Document			
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
YRB	B1	WO 99/18523	04-15-1999	Caere Corporation	

## OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

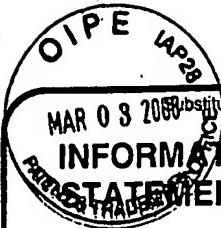
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
YRB	C1	DAMIANI, E. et al. "A Fine-Grained Access Control System for XML Documents," ACM Transactions on Information and System Security, May 2002, pp. 169-202, Vol. 5, No. 2.	
	C2	European Search Report, EP 05008745, June 6, 2005, 4 pages.	
YRB	C3	GRASSO, A. et al., "Augmenting Recommender Systems By Embedding Interfaces Into Practices," Proceedings of the 33 <sup>rd</sup> Hawaii International Conference on System Sciences 2000 IEEE, pp. 1-9.	
YRB	C4	HOADLEY, C., "A Very Short Introduction to UNIX," The Metropolitan State College of Denver/Information Technology Center for Technology Services, April 30, 2002, pp. 1-18.	
YRB	C5	KHARE, R., "Anatomy Of A URL (and Other Internet-Scale Namespaces, Part 1)," IEEE Internet Computing, September-October, 1999, pp. 78-81.	
YRB	C6	SHEN, H. et al. "Access Control For Collaborative Environments," CSCW 92 Proceedings, November 1992, Pgs. 51-58.	
YRB	C7	SLOMAN, M., "Policy Driven Management For Distributed Systems," To be published in Journal of Network and Systems Management, Plenum Press, 1994, Vol. 2, No. 4.	

Examiner Signature		Date Considered	4/9/06
--------------------	--	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



MAR 03 2003 Substitutes for form 1449A/PTO  
**INFORMATION DISCLOSURE  
 STATEMENT BY APPLICANT**

Sheet

1

of

1

Application No.	10/665,097
Filing Date	September 16, 2003
First Named Inventor	John Barrus
Art Unit	2173
Examiner Name	Not Yet Known
Attorney Docket Number	
20412-07972	

<b>U.S. PATENT DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
YKB	A1	US-2002/0163653 A1	11-07-2002	Struble et al.
YKB	A2	US-6,466,329	10-15-2002	Shunichi
YKB	A3	US-2002/0097426 A1	07-25-2002	Gusmano et al.
YKB	A4	US-5,754,308	05-19-1998	Lopresti et al.
		US-		
		US-		

<b>FOREIGN PATENT DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
				T <sup>6</sup>

<b>OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>	
YKB	C1	"Flowport, Paper that knows where it's going," specification sheet, 2 pages total.		
YKB	C2	< <a href="http://www.zdnet.com.au/printfriendly?AT=2000023555-20270277-4">http://www.zdnet.com.au/printfriendly?AT=2000023555-20270277-4</a> >, "Captured! Three document capture systems tested, November 28, 2002," visited on April 29, 2003, 9 pages total.		
YKB	C3	LUTZ, Raymond, "BrowseFax Initiative," MPFA Information Site, downloaded from internet, <a href="http://www.mtpa.org/pub/browsefax_wp.htm">http://www.mtpa.org/pub/browsefax_wp.htm</a> on 5/14/04		
YKB	C4	Xerox FlowPort Software, Solutions for the Legal Market from Xerox, 2001 XEROX Corporation, 4 pages total.		

Examiner Signature	<i>Michael K. Botts</i>	Date Considered	4/9/06
--------------------	-------------------------	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.